



Box 502
IFW

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lee et al.
Appl. No. : 10/511,841
Filed : October 19, 2004
Title : METHODS AND APPARATUS FOR MOLECULAR DATA STORAGE,
RETRIEVAL, AND ANALYSIS

Grp./A.U. :
Examiner :

Docket No.: 14859NP

Honorable Commissioner of Patents
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Sir:

In response to the Notification of Defective Response mailed July 17, 2006, a computer readable form of the "Sequence Listing" in compliance with 37 CFR 1.822 and 1.823 is submitted herewith. A written form of the "Sequence Listing" is also attached hereto. The written form is identical to the computer readable form, and computer readable form of the "Sequence Listing" contains no new matter.

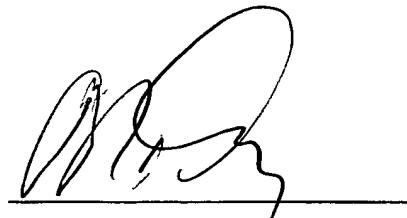
A copy of the Notification is also submitted herewith. Lastly, since this response is filed within the one-month time limit from the date of the Notification, it is believed that no fees are due at this time.

Appl. No. 10/511,841

Respectfully submitted,

DOWELL & DOWELL, P.C.

By

A handwritten signature in black ink, appearing to read "Ralph A. Dowell", is written over a horizontal line.

Ralph A. Dowell, Reg. No. 26,868

Date: August 17, 2006

DOWELL & DOWELL, P.C.

Suite 406, 2111 Eisenhower Ave.

Alexandria, VA 22314

Telephone - 703 415-2555

Facsimile - 703 415-2559

E-mail - dowell@dowellpc.com



UNITED STATES PATENT AND TRADEMARK OFFICE

SPV
S/ 17/06

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,841	Jeremy S Lee	14859NP

293
Ralph A. Dowell of DOWELL & DOWELL P.C.
2111 Eisenhower Ave
Suite 406
Alexandria, VA 22314

INTERNATIONAL APPLICATION NO.	
PCT/CA03/00574	
I.A. FILING DATE	PRIORITY DATE
04/17/2003	04/19/2002

CONFIRMATION NO. 6271
371 FORMALITIES LETTER



OC00000019636625

Date Mailed: 07/17/2006

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 10/19/2004
- Copy of the International Search Report filed on 10/19/2004
- Copy of IPE Report filed on 10/19/2004
- Preliminary Amendments filed on 10/19/2004
- Information Disclosure Statements filed on 06/27/2005
- Biochemical Sequence Diskette filed on 06/27/2005
- Oath or Declaration filed on 06/27/2005
- Biochemical Sequence Listing filed on 06/27/2005
- Request for Immediate Examination filed on 10/19/2004
- U.S. Basic National Fees filed on 10/19/2004
- Priority Documents filed on 10/19/2004
- Power of Attorney filed on 06/27/2005

Applicant's response filed 06/27/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION OF MISSING REQUIREMENTS mailed 04/27/2005 have not been completed.

MAIL
JUL 19 2006
RECEIVED

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under

37 CFR 1.136(a).

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,841	PCT/CA03/00574	14859NP

FORM PCT/DO/EO/916 (371 Formalities Notice)